Title (en)

UPDATABLE INTEGRATED-CIRCUIT RADIO

Title (de)

AKTUALISIERBARER FUNK IN EINEM INTEGRIERTEN SCHALTKREIS

Title (fr)

RADIO À CIRCUIT INTÉGRÉ ACTUALISABLE

Publication

**EP 3084593 A1 20161026 (EN)**

Application

**EP 14806359 A 20141126**

Priority

- GB 201322797 A 20131220
- GB 2014053500 W 20141126

Abstract (en)

[origin: GB2515364A] An integrated-circuit radio communication device 1 comprises a processor, radio communication logic and a memory. The memory 13 stores a boot loader (22), a firmware module (23) in a firmware memory, the firmware comprising instructions for controlling the radio communication logic region and a software application (27) in a software-application memory region, the software comprising instructions for invoking a function of the firmware module. In operation the boot loader (22) or the firmware module (23) comprises instructions for using the radio-communication logic 17 to receive a new firmware module 40. The boot loader (22) or the firmware module (23) can then execute instructions for storing the new firmware module 40 in the software-application memory region such that at least a portion of the software application (27) is overwritten by the new firmware module 40. The boot loader (22) then executes instructions for moving or copying the new firmware module (40) from the software-application memory region to the firmware memory region.

IPC 8 full level

**G06F 9/445** (2006.01); **H04W 4/50** (2018.01)

CPC (source: EP GB KR US)

**G06F 8/65** (2013.01 - GB); **G06F 8/654** (2018.01 - EP KR US); **G06F 8/66** (2013.01 - US); **H04W 4/50** (2018.01 - EP US)

Citation (search report)

See references of WO 2015092355A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**GB 201322797 D0 20140205**; **GB 2515364 A 20141224**; **GB 2515364 B 20150617**; CN 105830021 A 20160803; CN 105830021 B 20200403; EP 3084593 A1 20161026; EP 3084593 B1 20200506; JP 2017504112 A 20170202; KR 102277238 B1 20210714; KR 20160100391 A 20160823; TW 201525870 A 20150701; TW I625672 B 20180601; US 2016283220 A1 20160929; US 9891908 B2 20180213; WO 2015092355 A1 20150625

DOCDB simple family (application)

**GB 201322797 A 20131220**; CN 201480069617 A 20141126; EP 14806359 A 20141126; GB 2014053500 W 20141126; JP 2016541366 A 20141126; KR 20167019679 A 20141126; TW 103140368 A 20141121; US 201414775616 A 20141126